



University of London

King's College London Dental Institute

12th Annual Postgraduate Research Day

Floor 18 Tower Wing, Guy's Campus

Wednesday 13th April 2011

Programme

11.00-11.25am **Registration** **Function Room**

11.25am Opening **Tim Watson**

Session 1 Lecture Room

Chair: Triona Bolger

11.30 Mona Abd-Elmotelb

Functions and properties of dental stem cells

11.45 Dalea Bukhary

The Role of the Rho GTPase Signalling Pathway in Embryonic Stem Cell Differentiation to Bone and Cartilage

12.00 Daryl Cole

Identification of the apoptin tumour specific kinase/s

12.15 O.Egbuniwe

Characterization of Isolated Populations of Human Dental Pulp Cells

12.30 Radien El-Attar

Mechanisms involved in the response of Head & Neck squamous cell carcinoma cell lines to apoptosis targeted drugs TRAIL and Smac mimetic

Session 2 Seminar Room C

Chair: Ryan Olley

11.30 Arash Shahriari Rad

A comparison between traditional formative and summative assessment and technology enhanced learning (Tel) methods to assess students' dental clinical skills

11.45 Surab Alsahaf

The efficacy of Colchicine with and without Betnesol mouthwash in management of Recurrent Aphthous Stomatitis (RAS).

12.00 Andreas Artopoulos

A Metrological Investigation of the Processing Deformation and Dimensional Stability of Three Permanent Denture Base Materials

12.15 Borvornwut Buranawat

Bioengineered Vascularized Bone Graft

12.30 Ahmed Almahdy

Chemical analysis of carious dentinal tissue using microRaman spectroscopy

1.-1.45pm

Lunch

Function Room

Session 3 Lecture Room

Chair: Nisha Patel

1.45 Ayesha Islam

Interactions of HIV-1 and *Candida albicans* with mucosal surfaces

2.00 Abigail Jackson

Elucidating the mechanisms behind pharyngeal pouch morphogenesis

2.15 Leena Joshi

Eya1 mice as models for understanding middle ear developmental defects

2.30 Roman Khonsari

Mechanotransduction in craniofacial growth

2.45-3.15pm

Tea

Session 5 Lecture Room

Chair: Jacqueline Tabler

3.15 Nadine Khawaja

Novel Assessment of Ongoing Post-surgical Trigeminal Pain using MR Perfusion Imaging

3.30 James Kistler

Multi-Locus Sequence Analysis (MLSA) of oral *Neisseria* species

3.45 Adam G. Laing

Immunomodulation by dental pulp mesenchymal stem cells (SHED) is mediated by Indoleamine 2,3-dioxygenase.

4.00 Michaela Rothova

The origin of the dental papilla

4.15pm -

Refreshments

4.30pm

Prizes

Session 4 Seminar Room C

Chair: Amre Atmeh

1.45 Ariane Farah

Colour stability of maxillofacial silicone elastomers

2.00 Marta Kobus

Troublesome knowledge in the dental curriculum

2.15 Tonnie K Mulli

Proteomic Investigation Of Salivary And Gingival Crevicular Fluid Biomarkers In Periodontitis

2.30 Ryan Christopher Olley

An in situ proof of technology study investigating dentine tubule occlusion of two occlusion technologies

Function Room

Session 6 Seminar Room C

Chair: Rupert Austin

3.15 Simon Camilleri

Genome wide linkage analysis of a family with Ectopic Maxillary Canines

3.30 Andrea Corrado Profeta

Effects of experimental bonding agents containing calcium/sodium phospho-phyllsilicates on the microtensile bond strength

3.45 Hannah Sherry

Are Salivary Protein Interactions with Buccal Cells Driven by Hydrophobic/Hydrophilic Interactions?

4.00 Sadaf Rasheed Mughal

Genomic diversity within the "Actinomyces viscosus-naeslundii" group

Function Room

Nairn Wilson